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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) Dilip Chokshi
Serial No.: 09/757,222
Filed: January 9, 2001
For: UBIQUINONE COMPOUNDS
AND METHODS RELATED
THERETO
Examiner: Unassigned
Group Art Unit: Unassigned
Docket: 1114-2
Dated: March 13, 2001

Assistant Commissioner for Patents
Washington, DC 20231

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20231 on March 13, 2001

Dated: 3/13/01

Match & Return

Julie S. Watts

INFORMATION DISCLOSURE STATEMENT

Sir:

In order to fulfill the requirements of candor and good faith set forth in 37 C.F.R. §1.56, Applicants submit herewith the following Information Disclosure Statement in accordance with the provisions of 37 C.F.R. §1.97 and §1.98.

UNITED STATES PATENTS

<u>PATENTEE</u>	<u>PATENT NO.</u>	<u>ISSUE DATE</u>
Masterson	6,054,261	April 25, 2000
Borowy-Borowski, et al.	6,045,826	April 4, 2000
Amselem	5,989,583	November 23, 1999
Ochi, et al.	5,950,634	September 14, 1999
Amselem	5,891,469	April 6, 1999
Segall, et al.	5,747,071	May 5, 1998

Riordan, et al.	5,639,787	June 17, 1997
Iwanami, et al.	5,008,118	April 16, 1991
Galler	3,196,018	July 20, 1965

FOREIGN PATENT DOCUMENTS

<u>COUNTRY</u>	<u>PATENT NO.</u>	<u>ISSUE DATE</u>
PCT	WO 96/17626	June 13, 1996

NON-PATENT PUBLICATIONS

1. Navarro, et al., "Protective Role in Ubiquinone in Vitamin E and Selenium-Deficient Plasma Membranes", BioFactors 9, pp. 163-170 (1999).
2. Hoppe, et al., "Coenzyme Q₁₀, a Cutaneous Antioxidant and Energizer", BioFactors 9, pp. 371-378 (1999).
3. Hodges, et al., "CoQ₁₀: Could It Have a Role in Cancer Management?", BioFactors 9, pp. 365-370 (1999).
4. Langsjoen, et al., "Overview of the Use of CoQ₁₀ in Cardiovascular Disease", BioFactors 9, pp. 273-284 (1999).
5. Baroni, et al., "Monounsaturated Diet Lowers LDL Oxidisability in Type IIb and Type IV Dyslipidemia Without Affecting Coenzymes Q₁₀ and Vitamin E Contents", BioFactors 9, pp. 325-330 (1999).
6. Pedersen, et al., "High Serum Coenzyme Q₁₀, Positively Correlated with Age, Selenium and Cholesterol, in Inuit of Greenland. A Pilot Study.", BioFactors 9, pp. 319-323 (1999).
7. Niibori, et al., "Bioenergetic Effect of Liposomal Coenzyme Q₁₀ on Myocardial Ischemia Reperfusion Injury", BioFactors 9, pp. 307-313 (1999).

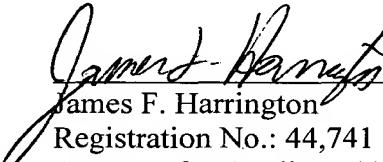
8. Tomasetti, et al., "Distribution of Antioxidants Among Blood Components and Lipoproteins: Significance of Lipids/CoQ₁₀ Ratio as a Possible Marker of Increased Risk for Atherosclerosis", BioFactors 9, pp. 231-240 (1999).
9. Chida, et al., "In vitro Testing of Antioxidants and Biochemical End-Points in Bovine Retinal Tissue", Ophthalmic Research, 31: 407-415 (1999).
10. Bianchi, et al., "Oxidative Stress and Anti-Oxidant Metabolites in Patients with Hyperthyroidism: Effect of Treatment", Horm. Metab. Res., 31: 620-624 (1999).
11. Al-Bekairi, et al., "Coenzyme Q₁₀ Ameliorates the Hepatic Toxicity Induced by Carbon Tetrachloride in Mice", Research Communications in Pharmacology and Toxicology, Vol. 4, Nos. 3 & 4, pp. 163-171 (1999).
12. Yokoyama, et al., "Coenzyme Q₁₀ Protects Coronary Endothelial Function from Ischemia Reperfusion Injury Via an Antioxidant Effect", Surgery, Volume 120, No. 2, pp. 189-196 (1996).
13. Morita, et al., "Studies of Hypoxicemic/Reoxygenation Injury: Without Aortic Clamping VII. Counteraction of Oxidant Damage by Exogenous Antioxidants: Coenzyme Q₁₀", The Journal of Thoracic and Cardiovascular Surgery, , Vol. 110, No. 4, Part 2, pp. 1221-1227 (1995).
14. Lass, et al., "Effects of Coenzyme Q₁₀ and α -Tocopherol Administration on Their Tissue Levels in the Mouse: Elevation of Mitochondrial α -Tocopherol by Coenzyme Q₁₀", Free Radical Biology & Medicine, Vol. 26, Nos. 11/12, pp. 1375-1382 (1999).
15. Nielsen, et al., "No Effect of Antioxidant Supplementation in Triathletes on Maximal Oxygen Uptake, ³¹P-NMRS Detected Muscle Energy Metabolism and Muscle Fatigue", Int. J. Sports Med., 20: 154-158 (1999).
16. Alleva, et al., "Oxidation of LDL and Their Subfractions: Kinetic Aspects and CoQ₁₀ Content", Molec. Aspects Med., Vol. 18 (Supplement), pp. S105-s112 (1997).

17. Tomasetti, et al., "Coenzyme Q₁₀ Enrichment Decreases Oxidative DNA Damage in Human Lymphocytes", Free Radical Biology & Medicine, Vol. 27, Nos. 9/10, pp. 1027-1032 (1999).
18. Aeijmelaeus, et al., "Ubiquinol-10 and Total Peroxyl Radical Trapping Capacity of LDL Lipoproteins During Aging: the Effects of Q-10 Supplementation", Molec. Aspects Med., Vol. 18 (Supplement), pp. s113-s120 (1997).
19. Kagan, et al., "Coenzyme Q₁₀ Can in Some Circumstances Block Apoptosis, and This effect is Mediated through Mitochondria", Annals New York Academy of Sciences, pp. 31-47.

The above-referenced documents are listed on PTO Form 1449 which is enclosed herein. A copy of each of the above-identified reference is enclosed herewith

If the Examiner has any questions or comments relating to the present application, he or she is respectfully invited to contact Applicants' attorney at the telephone number set forth below.

Respectfully submitted,



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